

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 16

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/033,808        |
| Filing Date            | December 18, 2001 |
| First Named Inventor   | Roger Karam       |
| Art Unit               | 2636              |
| Examiner Name          | Trieu, Van Thanh  |
| Attorney Docket Number | CISCO-3829        |

## ENCLOSURES (check all that apply)

|  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return postcard |
| <div style="border: 1px solid black; padding: 5px;"> <b>Remarks</b><br/> <br/> </div>  |  |  |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                          |          |        |
|--------------|--------------------------|----------|--------|
| Firm         | THELEN REID & PRIEST LLP |          |        |
| Signature    |                          |          |        |
| Printed Name | Marc S. Hanish           |          |        |
| Date         | March 11, 2005           | Reg. No. | 42,626 |

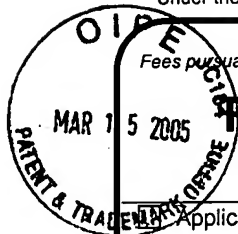
## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

|                       |                |      |                |
|-----------------------|----------------|------|----------------|
| Signature             |                |      |                |
| Typed or printed name | Sharon E. Byam | Date | March 11, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# **FEE TRANSMITTAL** **for FY 2005**

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 400.00

**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/033,808        |
| Filing Date          | December 18, 2001 |
| First Named Inventor | Roger Karam       |
| Examiner Name        | Trieu, Van Thanh  |
| Art Unit             | 2636              |
| Attorney Docket No.  | CISCO-3829        |

**METHOD OF PAYMENT (check all that apply)**
☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-1698 Deposit Account Name: THELEN REID & PRIEST LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments

Under 37 CFR 1.16 and 1.17

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                      | SEARCH FEES |                      | EXAMINATION FEES |                      | Fees Paid (\$) |
|------------------|-------------|----------------------|-------------|----------------------|------------------|----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee(\$) | Fee(\$)     | Small Entity Fee(\$) | Fee(\$)          | Small Entity Fee(\$) |                |
| Utility          | 300         | 150                  | 500         | 250                  | 200              | 100                  | _____          |
| Design           | 200         | 100                  | 100         | 50                   | 130              | 65                   | _____          |
| Plant            | 200         | 100                  | 300         | 150                  | 160              | 80                   | _____          |
| Reissue          | 300         | 150                  | 500         | 250                  | 600              | 300                  | _____          |
| Provisional      | 200         | 100                  | 0           | 0                    | 0                | 0                    | _____          |

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 30 (including Reissues)

Multiple dependent claims

|   | Small Entity Fee (\$) | Fee (\$) |
|---|-----------------------|----------|
| Each claim over 20 (including Reissues)             | 50                    | 25       |
| Each independent claim over 30 (including Reissues) | 200                   | 100      |
| Multiple dependent claims                           | 360                   | 180      |

**Total Claims****Extra Claims****Fee(\$)****Fee Paid (\$)**

\_\_\_\_\_ -20 or HP= \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims****Extra Claims****Fee(\$)****Fee Paid (\$)**

\_\_\_\_\_ - 3 or HP= 2 x 200 = \$400

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets  | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|---------------|--|----------|---------------|
| _____        | - 100 = _____ | / 50 = _____ (round up to a whole number) x      | =        | _____         |

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : \_\_\_\_\_

**Fees Paid (\$)****SUBMITTED BY**

|                   |                |                                   |                |           |              |
|-------------------|----------------|-----------------------------------|----------------|-----------|--------------|
| Signature         |                | Registration No. (Attorney/Agent) | 42,626         | Telephone | 408.292.5800 |
| Name (Print/Type) | Marc S. Hanish | Date                              | March 11, 2005 |           |              |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Roger Karam  
SERIAL NO.: 10/033,808  
FILING DATE: December 18, 2001  
TITLE: SIGNAL-DISRUPTION DETECTION IN POWERED NETWORKING  
SYSTEMS  
EXAMINER: Trieu, Van Thanh  
TELEPHONE: (571) 272-2972  
ART UNIT: 2636

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450, on the date printed below:

Date: 3/11/05Name: Sharon E. Byam  
Sharon E. Byam

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action mailed **December 14, 2004**. Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks** begin on page 10 of this paper.